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No. 47] NEW DELHI, SATURDAY, NOVEMBER 22, 1969 (AGRAHAYANA 1, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 22nd November 1969

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

1st November 1969

- 123830. Sri Siddhartha Ganguli. A surgical appliance.
- 123831. Nitrochill Limited. Improvements in or relating to gas cylinders.
- 123832. L. Glvaudan & Cie Societe Anonyme. Process for the production of odorants and fixatives for perfumed compositions. [Divisional date 1st November 1968].
- 123833. The Metal Box Company Limited. Improvements in can carriers made of cardboard or like material. (8th November 1968).
- 123834. Emhart Corporation. Molten glass forehearth construction.
- 123835. Emhart Corporation. Take-out mechanism for glassware forming machine.
- 123836. N. V. Philips Gloeilampenfabrieken. A method of producing halograms which on reconstruction form small size image points.
- 123837. Council of Scientific and Industrial Research. Synthesis of alkyl silicate polymers from isobutyl ethyl silicate mixtures.
- 123838. Council of Scientific and Industrial Research. Improvement in or relating to hard ferrites.
- 123839. The Babcock & Wilcox Company. Improvements in and relating to weld-depositing apparatus.
- 123840. Uss Engineers and Consultants, Inc. Apparatus for removing excess coating material from strip edges.

- 123841. Elektrodenfabrik Oerlikon Buhrle Ag. Method and apparatus for detecting workpiece surface defects.
- 123842. Farbenfabriken Bayer Aktiengesellschaft. Oxime-O-carbonic acid phenyl esters.
3rd November 1969
- 123843. Council of Scientific and Industrial Research. An improved process for the preparation of alkyl nitrate esters from glycol ethers (for cognating with first divisional of 120116).
- 123844. Council of Scientific and Industrial Research. An improved process for the preparation of alkyl nitrate esters from alicyclic alcohols (for cognating with 2nd divisional of 120116).
- 123845. Council of Scientific and Industrial Research. An improved process for the preparation of alkyl nitrate esters from aliphatic alcohols (for cognating with third divisional of 120116).
- 123846. Atlas Distributors and Consultants. Improvement in or relating to tooth brushes.
- 123847. Westinghouse Electric Corporation. A semiconductor element for compression bonded encapsulated electrical devices.
- 123848. Westinghouse Electric Corporation. Fluid velocity measuring system.
- 123849. Combustion Engineering, Inc. Formed plate tube support.
- 123850. Sumitomo Chemical Company, Ltd. An insecticidal and fungicidal phosphorothioamidate.
- 123851. Ciba Limited. Pentacyclic compounds, process for their manufacture and compositions containing them.
- 123852. A/S Raufoss Ammunisjonsfabrikker. Projectile with multiple effect.
- 123853. Wellman Incandescent Furnace Company Limited. Apparatus for flattening and quenching metal sheets or plates. (6th November 1968).

123854. Imperial Chemical Industries Limited. New heterocyclic compounds. (11th December 1968).
123855. Sperry Rand Corporation. Improvements in or relating to power transmissions. (21st October 1969).
123856. Ruhrchemie Aktiengesellschaft. Improvements in or relating to evaporation retarding mixtures.
123857. Allied Chemical Corporation. Reduction of sulfur dioxide.
123858. Allmänna Svenska Elektriska Aktiebolaget. Electric switching device for high voltage.
123859. Imperial Chemical Industries Limited. Macrofilamentary yarns. (5th November 1968).
123860. Shri Ram Institute for Industrial Research. Improvements in or relating to the synthesis of a plasticizer from castor oil for polyvinyl chloride resins (pvc).
123861. (1) V. Ram, (2) O. P. Gupta and (3) K. K. Aggarwal. Improvement in torches.
4th November 1969
123862. R. Kapur. Improvements in or relating to ink lining pen or ink lining compass.
123863. F. H. Awebro. A device for supporting and transporting a cable drum.
123864. American Home Products Corporation. Process for producing aminopenicillins. (2nd April 1969).
123865. Joseph Lucas (Industries) Limited. Electrical switches.
123866. Joseph Lucas (Industries) Limited. Dynamo electric machines. (22nd November 1968).
123867. Joseph Lucas (Industries) Limited. Electro-magnetic horns. (2nd December 1968).
123868. Solvay et Cie. Process for the production of fibrillated structures.
123869. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. A refractory hollow body.
123870. E. I. du Pont de Nemours and Company. Metal complexes of 2-benzimidazolecarbamate acid esters.
123871. M/S. The Ahmedabad Manufacturing and Calico Printing Company Limited. A continuous process and equipment for obtaining two different colour effects on the two sides (face and back) of a single fabric, including fine and superfine fabrics, using photo sensitive dyestuffs.
123872. Continental Oil Company. Cathodic process for the preparation of tetraalkyl lead compounds.
123873. Prephar Prospection De Recherches Pharmaceutiques S. A. Means for men, having mechanical, prophylactic, preventive, antiseptic and/or orthogenic action in sexual relations.
123874. Istituto Biochimico Italiano di Loredana Lorenzini S.A.S. A process for the production of 6-[D(—) α -aminophenyl acetamide] penicillanic acid.
123875. Veb Filmfabrik Wolfen. Multi-layer material containing a silver halide for colour photography. (20th May, 1969).
5th November 1969
123876. Hindustan Klockner Switchgear Limited and M. A. Joshi. An electromagnetically operated improved contactor for an alternating current circuit.
123877. Hindustan Klockner Switchgear Limited and M. A. Joshi. An electromagnetically operated improved contactor for an alternating current circuit.
123878. Kirloskar Oil Engines Limited and Kirloskar Brothers Limited. A pumping unit.
123879. Dr. C. Sastry and Mr. S. G. Shevade. A device for signalling the direction of twist in textile goods collapsed into rope form.
123880. Stamcarbon N. V. Preparation of a cellular material rich in protein.
123881. Joseph Lucas (Industries) Limited. Electrical coil assemblies. (18th November 1968).
123882. Joseph Lucas (Industries) Limited. Lamps for road vehicles. (18th November 1968).
123883. Joseph Lucas (Industries) Limited. Electrical switches. (18th November 1968).
123884. Uniroyal, Inc. Alkyl-sulfoxide and alkyl-sulfone terminated oligomers.
123885. Miles Laboratories, Inc. Improved test composition and method for detecting reducing sugars in aqueous fluids.
123886. National Research Development Corporation. Improvements relating to the production of antigens. (18th November 1968).
123887. Girling Limited. Improvements in the manufacture of articles by moulding synthetic resinous materials. (7th November 1968).
123888. Westfälische Berggewerkschaftskasse. Educational system used to put questions to a plurality of pupils at the same time.
123889. Vsesojuzny Elektrotekhnicheskij Institut imeni V. I. Lenina. Improvements in or relating to casing for photosensitive semiconductor device.
123890. Standard Telephones and Cables Limited. Acceleration control of machines. (7th November 1968).
123891. Standard Telephones and Cables Limited. Adhesive applicator. (7th November 1968).
123892. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünig. Stabilized thermoplastic moulding compositions of polyacetals.
123893. Brown Boveri & Company Limited. Method and apparatus for welding a pipe.
123894. H. J. Dichter. Apparatus for making bottles and the like.
6th November 1969
123895. P. Singh. Deepak lock (for vespa scooter only).
123896. J. D. Bagri. Improved loose leaf filing clip.
123897. Dr. S. K. Sanghani. Improvements in or relating to light road vehicles.
123898. L. T. P. Sinha Substitution of phenyle by oleic acid in pottery industry.
123899. Westinghouse Electric Corporation. X-ray table with selective float and power drive top.
123900. Purnendra Nath Ghosh. Lead-zinc alkaline storage cell.
123901. B. D'Costa. A device for projection and/or enlargement or reduction of pictures, letters, words, numerals, layouts, patterns, and other like descriptive and illustrative matter, particularly non-transparent and non-translucent matter.
123902. Imperial Chemical Industries Limited. Pharmaceutical compositions. (10th December 1968).
123903. Joseph Lucas (Industries) Limited. Electrical systems for road vehicles. (11th November 1968).
123904. Joseph Lucas (Industries) Limited. Vehicle wind-screen wiping mechanisms. (13th December 1968).
123905. Allied Chemical Corporation. Filament quenching apparatus and process.
123906. J. R. Geigy A. G. Pharmaceutical preparation comprising a chloro- or keto-imipramine, desimipramine or opipramol base and an ion-exchange resin. [Divisional date 9th August 1968].
123907. Uniroyal, Inc. Positive power transmission system.
123908. Sphere Investments Limited. A new or improved method of and apparatus for sorting ores. (12th November 1968).
123909. Universal Oil Products Company. Internally insulated and lined pressure vessel.
123910. Sasanka Sekhor Hazra. Litmus paper preparation.
123911. N. V. Philips Gloeilampenfabrieken. Combination of a reflector and a halogen lamp.

123912. N. V. Philips Gloeilampenfabrieken. 5-hydroxy-quinoline-N, N-dimethyl carbamate, methods of preparing it, aphicides on the basis of the said substance, and a method of preparing the aphicides.
123913. Infrarodteknik A.B. A reflector device.
123914. Philips India Limited. An apparatus for synchronized audio-visual reproduction of a pre-recorded programme.
123915. Ciba Limited. New diglycidyl derivatives of N-heterocyclic compounds, processes for their manufacture and use.
123916. Ciba Limited. New azo dyestuffs and processes for their manufacture.
123917. Knapsack Aktiengesellschaft. Process for the manufacture of unsaturated esters of carboxylic acids.
123918. B. R. Bhandary. An improved rice huller.
123919. Institut Avtomatiki Ministerstva Priborostroenia, Sredstv Avtomatizatsii i Sistem Upravleniia, USSR. Load cell with resistance strain gauges.
123920. Huttenwerk Oberhausen AG. A process for making steel in induction crucible furnaces, and an induction crucible furnace adapted to the said process.

7th November 1969

123921. A. C. Patel. Improvements in or relating to constructional elements.
123922. N. M. Ramchandani. Improvements in or relating to adjustable table or the like furniture.
123923. Messrs. Master Packaging Service. Bitumenizedessian-lined corrugated container.
123924. T. V. Ramanujam. Electric night lamp with novel switch-cum-regulator varying the luminosity continuously from full bright to very dim.
123925. Ruti Machinery Works Ltd. Warp let-off arrangement.
123926. Institut Elektrosvarki Imeni E. O. Patona. Method of wear-resistant hardfacing of parts.
123927. E. Merck Aktiengesellschaft. 3-aryl-benzazines and process for their preparation.
123928. I. S. Lerner. Intrauterine contraceptive device.
123929. American Home Products Corporation. Penicillin derivatives.
123930. Union Carbide Corporation. Annular Conduit aerosol actuator.
123931. Farbenfabriken Bayer Aktiengesellschaft. N-substituted imidazoles and their salts.
123932. Texas Instruments Incorporated. Temperature compensated electronic display.
123933. Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V. An dried baker's yeast and a process of preparing the same. (8th November 1968).
123934. J. P. Astar. Brackets of folding legs of furniture.
123935. K. U. Varunny. Conical type ball clutch.
123936. Danfoss A/S. Piston for compressors and the like and method for its manufacture.
123937. Danfoss A/S. Connecting-rod and method for its manufacture.
123938. Danfoss A/S. Crankshaft, particularly for encased refrigerant compressors, and a method for its manufacture.
123939. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners.
123940. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners provided with sheet pressed expansion shields.
123941. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners for direct drilling and installation through the fixture.
123942. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners particularly of the threaded shield type.

123943. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners expanded by wood screws, lag bolts or the like.

Alteration of Date

122713. Ante-dated to 5th February 1968 under Section 5 of the Act.
122714. Ante-dated to 5th February 1968 under Section 5 of the Act.
122715. Ante-dated to 5th February 1968 under Section 5 of the Act.
120397. Ante-dated to 29th April 1968 under Section 5 of the Act.
117037. The claim to priority date 1st August 1967 has been abandoned and the application dated as of 31st July 1968, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

114219. Srimati Bishnupriya Panda. Multipurpose low power cone bearing system. Accepted on 27th October 1969.

Two ball bearing cups are directly secured at the two ends of housing in spaced relationship to cones.

114335. Veb Niles Pressluftwerkzeuge. Compressed-air machine with sound-damping means. (29th September 1967). Accepted on 31st October 1969.

Machines having a rotary piston revolving in a cylinder of the machine housing in which the noise generated by incoming and outflowing compressed air is substantially reduced.

114349. Joseph Lucas (Industries) Limited. Method of manufacturing a battery plate and apparatus therefor. (17th February 1967). Accepted on 31st October 1969.

Supplying a paste of active material to one face of a battery plate grid and dipping into the plate a probe which is vibrated at a frequency such that the paste is caused to flow into the interstices of the grid.

114512. Texaco Development Corporation. Solvent refining. Accepted on 1st November 1969.

Characterised in using N-methyl-2-pyrrolidone to remove unstable molecules from feed stock and thereafter dewaxing and adding inhibitor.

114615. Hooker Chemical Corporation. Process for bleaching pulp. [Addition to No. 105717]. Accepted on 5th November 1969.

Characterized in that said material is first bleached in chlorine dioxide and subsequently with chlorine wherein the bleaching with chlorine dioxide and/or with chlorine is carried out at a pH in the range of about 1.0 to about 2.5.

114748. Ceskoslovenska Akademie Ved. Tobacco smoke filter. Accepted on 27th October 1969.

Which contains active charcoal bearing silicic acid gel, the active charcoal being incorporated into the matrix of the gel.

114807. Council of Scientific and Industrial Research. Improvements in or relating to lead-in-metal terminal electrodes in electrical elements. Accepted on 5th November 1969.

Consisting of a lead in electrode, an outer casing and a sintered glass insulation adhering firmly with the lead in electrode and the outer casing.

114841. Norton Company. Abrasive products. Accepted on 31st October 1969.

An abrasive product having a flexible backing on which is applied a porous, resilient, controlled density structure which has an abrasion resistant coating on at least the outer surface and the walls of the pores.

114957. Dr. Beck & Co., AG. A process for the manufacture of new polyamide imides and varnishes containing the same suitable for insulating electrical conductors. Accepted on 1st November 1969.

Process for the manufacture of linear polyamide imide characterised in that dicarboxylic acid containing imide groups are reacted with diisocyanates in a polar solvent, in approximately stoichiometric proportions.

115022. Gosudarstvenny Nauchno-Issledovatel'skiy Energeticheskiy Institut Imeni G. M. Krzhizhanovskogo. Heating and cooling unit. Accepted on 6th November 1969.

Characterised in that the cold junctions of those thermo-elements of the thermoelectric generators semiconductor in which the hot junctions are located at the end of one medium flow are at the beginning of the medium counterflow.

115067. Stewarts and Lloyds Limited. A method of making a chill mould for centrifugal casting of a cast iron or ductile iron socket-end pipe. (21st March 1967). Accepted on 4th November 1969.

Comprising making a steel tube by the rotary forge and machining said tube to produce a chill mould having a rocket end formed by machining from the pilger head.

115125. The Dunlop Company Limited. Polyurethane foam. (5th April 1967). Accepted on 23rd September 1969.

Comprises introducing into an open pored polyurethane foam a liquid composition representing polyurethane foam forming mixture from which is withheld a constituent obtainable in the form of vapour and subsequently introducing the constituent in the vapour form.

115272. Council of Scientific and Industrial Research. Magnetic load cell. Accepted on 31st October 1969.

Comprises a magnetic load cell and load indicating mechanism wherein the load indicating mechanism comprises a set-up transformer connected to a bridge rectifier and filter circuits and an indicating meter calibrated in terms of load connected to the output of filter circuit, the load cell consists of a silicon steel block having two pairs of holes drilled symmetrically in a small area around the centre of the block, coils are provided in each pair of holes so as to form primary and secondary windings of the load cell.

115451. H. B. Engineer. Improvements in or relating to fuel filters. Accepted on 16th October 1969.

Comprising a filter means being a filter element in cylindrical or like form, retaining members at both ends and further retaining means in the core of the filter element and a casing for said filter means.

115495. Ing. C. Olivetti & C., Societa per Azioni. A zero printing control device for adding machines or the like. Accepted on 18th October 1969.

Slide is provided with an edge having a first portion adapted to engage first typecarrier and the typecarriers on the right thereof substantially at the side opposite the type face to be struck by platen, said edge having also a second portion.

115512. Fishlow Product Limited. A new or improved over-lead clutch. Accepted on 18th October 1969.

Comprising ball retaining part constructed as an element separate from both the driving and driven clutch members mounted for free rotational movement relative to both said members.

115647. United Aircraft Corporation. A continuous longitudinally extending tape and methods and apparatus for the production thereof. Accepted on 29th October 1969.

Characterised by the steps of continuously applying longitudinally extending threads to opposite sides of a flat continuous band parallel with the edges thereof, wrapping filaments around the band, bonding the filaments to the threads, the cutting the filaments and removing the continuous tape.

115648. United Aircraft Corporation. Composite reinforced plastic pipe and a method therefor. [Addition to No. 110273]. Accepted on 29th October 1969.

Comprises a cured polymeric matrix containing a plurality of layers of continuous annularly disposed high strength filaments said layers being separated from each other by a layer of particulate material said particulate material comprises first and second particles, the average size of the former is larger than that of the latter.

115652. Ciba of India Limited. Process for colouring textile or like materials. Accepted on 29th October 1969.

Which comprises of impregnating the material with a hot composition containing the dyestuff in an organic solvent and by keeping without intermediate drying the impregnated material under warm condition.

115677. N. V. Philips Gloelampenfabrieken. Semiconductor device comprising an insulated gate field effect transistor and method of manufacturing the same. Accepted on 30th October 1969.

Characterised in that at least parts of the insulating layer located on the source and drain regions consist of silicon oxide and are sunk in the silicon body for at least part of their thickness.

115698. R. H. Parikh and N. P. Patel. Manufacture of winding traverse drums used in yarn winding machines. Accepted on 1st November 1969.

Forming a composition consisting essentially of thermo-setting resins and/or thermoplastic materials being in the form of moulding powder and electric conducting powder, the amount of conductive powder used being related to its specific gravity and mesh fineness, the quantity of electric conductive powder being at least 10% by weight of the total weight of the mixture.

115737. F. L. Smith & Co., A/S. A rotary kiln. (17th May 1967). Accepted on 3rd November 1969.

In which the inlet end of each supply chute is formed by a sleeve having a heat resistant lining, the sleeve being inserted from the outside of the kiln into an outlet in the wall of the kiln and extending through the kiln shell to the interior surface of the kiln lining.

115747. Polysius GmbH. Rotary cylindrical kiln collar. Accepted on 3rd November 1969.

Characterized in that the intake connecting passages are inclined backward with relation to the radial position when viewed in the direction of rotation of the cylindrical kiln.

115776. Texaco Development Corporation. Vapor phase separation of straight chain hydrocarbons. (13th June 1967). Accepted on 6th November 1969.

- In vapour phase molecular sieve separation process the desorption cycle comprises a first step contacting the selective adsorbent containing the adsorbed hydrocarbon with a first desorbing medium comprising hydrocarbon having at least one straight chain hydrocarbon having a carbon number in the range of the first five carbon numbers of the feed and in a second step contacting with a second desorbing medium comprising hydrocarbon having a carbon number in the range of 1—4 carbon atom less than the lightest hydrocarbon of the feed.*
115802. International Standard Electric Corporation. Frequency discriminator for pulse-shaped signals. Accepted on 5th November 1969.
- Including means to apply the pulse signals to a semiconductor device to render it non-conductive and a rectifier circuit being connected across the semiconductor device.*
115808. Tewi-Pat Anstalt. A loading and unloading device for loads carried on vehicles. Accepted on 1st November 1969.
- Whereby the two support rails at one side of the platform can be lowered to engage the foot with the ground and then a load lifted from the platform, swung to the side at which the rails are lowered and then lowered on to the ground or another platform.*
115838. A. S. Maras. Air-cooler. Accepted on 3rd November 1969.
- Comprising a cabinate, a horizontal motor, with blades for blowing out air and a hollow drum having soaking material.*
115881. J. S. Pastou. Cigarette with ashes-retaining means and process for making same. Accepted on 4th November 1969.
- Comprising an open net work of lines formed by a flame proof surface, each paper enclave in said net work bulging slightly the lines meeting at juncture points and being reinforced thereat.*
115883. N. V. Philips Gloeilampenfabrieken. Gas discharge tube comprising two crossing electrode systems. Accepted on 30th October 1969.
- Comprising two parallel systems of elongated electrodes crossing each other at right angles the two systems being insulated by a plate which at least at its surface consists of insulating material and which is provided with apertures near cross points of electrodes, the insulating plate consisting of anodically oxidised aluminium.*
115934. Imperial Chemical Industries Limited. Non-protein nitrogenous compositions. (19th May 1967). Accepted on 1st November 1969.
- Relates to a NPN composition for animal food stuff comprising a NPN compound in admixture with a water soluble salt of carboxymethyl cellulose.*
115979. Pullman Incorporated. Catalytic composition and hydrocarbon conversion process. Accepted on 1st November 1969.
- A catalytic composition consisting essentially of a cobalt component containing 0.5 to 15 weight percent, expressed as cobalt oxide and based on the total weight of the catalyst and a support containing at least 90 percent by weight of zirconium dioxide based on the weight of the support, and the application of the catalyst composition in the case of steam reforming of hydrocarbons.*
115982. E. I. du Pont de Nemours and Company. Improvements in and relating to water-bearing explosives and process for preparing same. Accepted on 31st October 1969.
- Comprising an oxidising salt component a fuel component and water and including a sensitizer comprising a salt of an inorganic oxidising acid of an acyclic nitrogen base and/or of a phenyl amine.*
116077. Kaiser Aluminum & Chemical Corporation. Apparatus for producing seamless container bodies. Accepted on 3rd November 1969.
- The apparatus at least providing at least one forming ram being attached to each of the opposing sides of the actuating piston whereby movement of the actuating piston in either direction constitutes a working stroke of the piston and at least one container body being formed on each working stroke.*
116092. Sumitomo Chemical Company, Ltd. 2, 3, 4, 5, 6-pentachlorobenzylideneanilides. Accepted on 1st November 1969.
- 2, 3, 4, 5, 6-Pentachlorobenzylideneaniline prepared by reacting pentachlorobenzaldehyde with an amine.*
116111. Rhone-Poulenc S. A. Process for the purification of phenol and the phenol so obtained. Accepted on 1st November 1969.
- Which comprises contacting the phenol at a pH of at least 7 at between 40° and 250°C with oxygen and then fractionally distilling the phenol.*
116159. Gevaert-Agfa N. V. Process for the preparation of polyesters of terephthalic acid and glycols. (2nd June 1967). Accepted on 4th November 1969.
- Process for preparation of a polyester by (a) transesterification step wherein a glycol terephthalate is manufactured by a transesterification reaction between a dialkyl a dialkyl ester of terephthalic acid and a glycol, and (b) a polycondensation step wherein the glycol terephthalate of (a) is polycondensed in the presence of germanium dioxide as catalyst, characterised in that at least the polycondensation step is carried out in the presence of a preformed solution of germanium oxide.*
116192. Svenska Rotor Maskiner Aktiebolag. Improvements in or relating to rotary internal combustion engine of positive displacement type. (7th June 1967). Accepted on 31st October 1969.
- A rotary internal combustion engine provided with a scaling system for positive scaling of the clearance along the lines of co-operation between the different members thereof.*
116453. Council of Scientific and Industrial Research. Disperse dyes for polyesters with good affinity and sublimation fastness. Accepted on 4th November 1969.
- The process for the preparation of new disperse dyes for polyesters consisting in introducing the groups like monoazo, diazo, anthraquinone and nitrophenylamine and free of solubilising groups by using general methods like diazotisation coupling, sulphochlorination and condensation, and also by modifications in general methods used for its introduction.*
116484. Morgardshammar Aktiebolag. Improvements in and relating to a continuous rolling mill and/or repeater rolling mill. Accepted on 3rd November 1969.
- Rolling stand unit is provided with devices for the adjustment of the pass line of the rolling stand to various side angles in relation to the main rolling direction of the rolling mill.*
116497. Sumitomo Chemical Co., Ltd. A process for producing nitrogen potassium dicomponent compound fertilizer. Accepted on 1st November 1969.
- Comprises heating and melting a mixture consisting of 20 to 90% weight of urea, 2 to 50 weight % of potassium chloride, 0 to 40 weight % of gypsum and 1 to 10 weight % of water, spraying and mixing the melted mixture into recycled powdery granules and granulating a resulting mixture while rotating it.*
116511. FMC Corporation. Process for epoxidation of allyl alcohol by peracetic acid. Accepted on 4th November 1969.

- Process for the continuous, rapid epoxidation of allyl alcohol by peracetic acid to produce glycidol.*
116530. The Firestone Tire & Rubber Company. Continuous dilute solution polymerisation of butadiene by lithium catalyst. Accepted on 30th October 1969.
- Continuously introducing monomeric material a lithium catalyst, and an inert solvent into a reactor for polymerisation, transferring the said material to means for vaporizing volatile material, condensing the solvent and like for recycling and removing polymerized material from solvent from said vaporizing means.*
116583. Institut De Recherches De La Siderurgie Francaise. An improved process for refining liquid metal. Accepted on 4th November 1969.
- Introduction of scrap into a liquid metal during refining process.*
116685. R. N. Churi. An improved clamping and securing device for a pressure cooker appliance. Accepted on 6th November 1969.
- The clamping and securing ring is provided with a continuous collar above and on the lower edge inwardly projecting lugs like projections alternating with suitable gaps and a suitable resilient rubber gasket ring is placed between flange of the vessel and the lid.*
116748. Srimati Bishnupriya Panda. A multipurpose portable transmission system for converting power from bullocks or prime movers into different forms for operating various oscillating and rotary appliances. Accepted on 31st October 1969.
- A single big wheel with a big serrated ring and a big ring gear fitted concentric with it a train of transmission elements linked with the said ring gear and a long beam with means for supporting the big wheel and means for clamping different attachments.*
116781. Barber-Greene Company. Improvements in or relating to paving apparatus. Accepted on 4th November 1969.
- Forwardly movable machine having means for laying a lift of fluent having material in a strip and a screed, draft arms connecting said screed to the machine, and a compactor having vibratory lift-compacting plate means and provided with dowing arm means coupling the compactor to the machine.*
116791. Imperial Chemical Industries Limited. New disazo dyestuffs and a process for the colouration of cellulose textile. (26th July 1967). Accepted on 30th October 1969.
- Diazonium salt of 5-(2,4'-dichloro-s-triazinylamino)-2-sulphoniline is coupled with 1-amino-8-naphthol-3 : 6-disulphonic acid.*
116795. Farbenfabriken Bayer Aktiengesellschaft. Process for the dyeing of fibre materials of polyacrylonitrile or copolymers containing acrylonitrile. Accepted on 5th November 1969.
- Dyeing in presence of a guanidine compound.*
116870. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New dyestuffs of the triphenylrosaniline series and process for their preparation. Accepted on 5th November 1969.
- Reacting an aluminium or iron complex compound of p-trichlorotripty chloride with phenylamine or naphthylamine at 125°-130°C in presence of organic solvent and reacting the formed 4, 4'-dichloro-4''-(m-or p-substituted phenylamino or naphthylamino)-triphenylmethylchloride with aniline at 145-165°C.*
116976. Uniroyal Englebert France, Societe Anonyme. Improvements relating to apparatus for supplying tyre fabric. Accepted on 3rd November 1969.
- Comprising a tyre fabric let-off unit having a first rotatable shaft supporting for rotation a first spool for carrying fabric, and a second rotatable shaft supporting for rotation a second spool on to which the liner fabric may be wound, first and second drive means and coupling means.*
117037. Fosco International Limited. Casting of molten metals. Accepted on 3rd November 1969.
- Comprises a particulate fluxing agent for example soda ash and fly ash, the particles of which are, at least in part, coated with very finely divided carbon.*
117141. Franz Plasser Bahnbaumaschinen. Rail coupling device. Accepted on 5th November 1969.
- Comprising a spacer and two clamp members lying opposite to each other.*
117252. Texaco Development Corporation. Motor fuel composition. Accepted on 4th November 1969.
- Motor fuel composition comprising a mixture of hydrocarbons in the gasoline boiling range containing from about 0.01 to 0.20 volume percent of a polyolefine polymer or corresponding hydrogenated polymer having an average molecular weight in the range from about 500 to 3500.*
117358. Sandoz Ltd. Anthraquinone dyes, their production and use. Accepted on 1st November 1969.
- Comprises reacting 1 mole an amino substituted anthraquinone with 1 mole of aliphatic or cycloaliphatic amine and 1 mole of an aromatic amine and sulphating the conduct obtained.*
117359. Sandoz Ltd. Anthraquinone dyes, their production and use. Accepted on 1st November 1969.
- Comprises desulphating a 1-(α -alkylamino sulfinic acid) 4-amino or substituted amino anthraquinone.*
117486. Dr. C. Otto & Comp. G.m.b.H. Vertical flue coke oven having burners of enlarged dimensions. Accepted on 6th November 1969.
- Burners being of larger dimensions, vertically and horizontally, than the riser pipes.*
117757. May & Baker Limited. Process for the preparation of 4-hydroxybenzonitrile, and salts thereof. (21st September 1967). Accepted on 6th November, 1969.
- Comprises demethylation of a 4-methoxybenzonitrile by reacting with an alkali metal compound MA (A = cyano when M = Na, K; A = chlorine when M = Li) at 170°C in reaction medium containing at least one compound of the formula RR₁NCOR₂ (R in an alkyl group of 1-4 carbon, R and R₁ same or different may be alkyl group of 1-4 C atom, or together an alkylene group of 2-3 C atom optionally substituted by 1 or 2 CH₃—group or form with—NCO group a 4 or 5 membered heterocyclic ring) the orange metallic compound thus obtained may be acidified to give the free compound.*
117778. A. Kogan. Improvements in heat and/or mass transfer process of and apparatus or producing a liquid in which heat and/or mass is transferred thereto from another liquid. Accepted on 1st November 1969.
- Method and apparatus for improvements in the transfer of heat or mass from one liquid stream of a higher vapour pressure to another liquid stream of a lower vapour pressure.*
117887. Combustion Engineering, Inc. Recirculating type steam generator and pump arrangement. Accepted on 4th November 1969.
- Comprising a furnace, means for burning fuel within the furnace, tubes lining the walls of the furnace, means for establishing a through flow of water at super-critical pressure through the tubes, a water flow moving means located upstream of the tubes, a water flow division means located downstream of the tubes.*

117996. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of carbontetrachloride. Accepted on 4th November 1969.

Process for the manufacture of carbon tetrachloride at elevated temperature and pressure in the absence of catalysts which comprises reacting benzene, mixtures of benzene and chlorinated aliphatic compounds, or chlorinated aromatic compounds and chlorine in stoichiometric proportions or with an excess amount of chlorine of upto 300% continuously in the gaseous phase to carbon tetrachloride.

118111. Maschinenfabrik Rieter A. G. Improvements in or relating to a textile cleaning machine. (27th June 1968). Accepted on 30th October 1969.

Comprises a rotating beater, a grid including a plurality of grid bars and a plurality of fins each of which is mounted on a respective grid bar and has a control surface.

118268. Institut Français Du Pétrole. Des Carburants Et Lubrifiants. Improvements in or relating to process for treating petroleum cuts. Accepted on 4th November 1969.

Process for treating petroleum cuts wherein these cuts are contacted with hydrogen in presence of catalysts comprising compounds of metals from groups VI A and VIII of the periodic table, deposited on a alumina carrier characterised in that alumina has a specific surface of from 40 to 100 m²/g, a porous volume of from 0.4 to 0.8 cc/g, more than 75% of said porous volume corresponding to pores of a diameter comprised between 100 and 2000 Angstroms.

118531. Metallurgical Process Limited and Imperial Smelting Corporation (NSC) Limited. Improvements in or relating to the purification of zinc. (1st December 1967). Accepted on 5th November 1969.

Comprises treating the molten zinc with ammonium chloride and metallic sodium and removing the dross formed from the surface of the molten zinc.

118703. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of a palladium catalyst. Accepted on 30th October 1969.

The carrier is impregnated with a solution containing a palladium carboxylate, dried and the solvent is evaporated to a residual content of less than 20% by weight.

119508. J. H. Fenner & Co Limited. Improvements in or relating to rotary drive units. (2nd February 1968). Accepted on 6th November 1969.

Having drive transmission elements radially constrained at both ends in form of a cage which extends axially from the output shaft.

119629. Gouri Sankar Bhattacharyya. Improvements in or relating to flushing cisterns for commodes, water closets and like appliances. Accepted on 31st October 1969.

A flushing cistern for comode, water closet or like appliance with arrangements for (a) flushing the comode with powerful water jet (b) easy operation requiring very little force (c) elimination of various heavy or brittle parts causing frequent disturbances and (d) ensuring trouble free long life with economy and light weight.

120110. S. J. Poonawalla. Process for the stabilising of diazo type coatings having a high light sensitivity. Accepted on 5th November 1969.

Having incorporated therein an effective amount of bisalkyl phenyl-guanidinium salt of copper-phthalocyanine di-sulphonic acid.

120397. United Aircraft Corporation. Composite reinforced plastic pipe and method for the production thereof. [Divisional date 29th April 1968]. Accepted on 29th October 1969.

Wherein the improvement comprises winding along and around a mandrel at least one layer of a tape having a transverse tensile strength at least two orders of magnitude greater than its longitudinal tensile strength and curing the resin.

120590. Goetzwerke Friedrich Goetz Aktiengesellschaft. Method and apparatus for producing rings which are to be metallised. Accepted on 31st October 1969.

Method and apparatus for producing rings which are to be metallised, in particular piston rings and synchronising rings which are to be coated with molybdenum.

120798. Basic Ceramics Incorporated. Bonded refractory material. (6th November 1968). Accepted on 5th November 1969.

Comprises mixing particles of a refractory ceramic material with an aqueous binder containing aluminium oxychloride with a curing agent for the aluminium oxychloride a basic material capable of supplying alkaline ions in solution to cause getting of aluminium oxychloride.

120941. Aerosol Inventions & Development S. A. (A. I. D.). Pressure filling of aerosol and like containers. (8th October 1968). Accepted on 31st October 1969.

A method and apparatus for charging the pressurising propellant into containers for dispensing fluids under pressure for aerosol containers.

121291. Werkzeugmaschinenfabrik Oerlikon-Bührle AG. Direct release diaphragm controlled dual pressure control valve device. Accepted on 31st October 1969.

An additional valve being adapted to be operated by the control valve piston and an additional diaphragm acting on the control valve push-rod and loaded by an air pressure controlled by the additional valve.

121354. W. M. Mann High speed ground transportation vehicle. Accepted on 4th November 1969.

An elongated generally horizontally extending fixed track, a vehicle positioned above said track, means carried by said vehicle providing an aerodynamic airfoil, and means connecting said vehicle with said track to prevent movement of said vehicle laterally of said track in excess of a predetermined distance.

121412. Lansing Bagnall Limited. Improvements in industrial pallet or stillage trucks. (20th May 1968). Accepted on 1st November 1969.

An industrial truck comprising a body portion having drive unit supported on wheels, a load support and an hydraulic system for raising and lowering the load support through a short distance relatively to the body portion so as to pick up pallet or stillage beneath which the support is introduced.

121438. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Copolymers containing blowing agents and derived from alkenyl aromatics and vinyl polysiloxanes and process for their manufacture. Accepted on 1st November 1969.

Process for the manufacture of thermoplastic copolymer beads containing blowing agents which comprises polymerising monomer mixture containing styrene and acrylonitrile or acrylic or methacrylic acid ester in aqueous suspension in the presence blowing agents with the addition of polysiloxanes containing vinyl groups.

121669. Thomas Smith & Sons (Rodley) Limited and British Railways Board. Improvements relating to mobile cranes or like machines with slewable lifting arms. (6th June 1968). Accepted on 31st October 1969.

A mobile crane for lifting loads having a chassis or main frame supporting a stowable boom which carries the lifting tackle, there being a balance weight assembly movable in conjunction with the steering movement to counterbalance the tendency of the outswing boom and load to tip the machine.

122713. Joseph Lucas (Industries) Limited. Improvements in or relating to the manufacture of battery plates and apparatus therefor. (18th July 1967). [Addition to No. 114349]. [Divisional date 5th February 1968]. Accepted on 5th November 1969.

Subjecting paste which flows through the grid to the other face of the grid to vibrations to smooth the paste on the other face of the grid.

122714. Joseph Lucas (Industries) Limited. Improvements in or relating to the manufacture of battery plates and apparatus therefor. (27th November 1967). [Addition to No. 114349]. [Divisional date 5th February 1968]. Accepted on 5th November 1969.

Having the grid positioned on a heated support while the paste is subjected to vibration.

122715. Joseph Lucas (Industries) Limited. Improvements in or relating to the manufacture of battery plates and apparatus therefor. [Addition to No. 114349]. [Divisional date 5th February 1968]. Accepted on 5th November 1969.

Including positioning the grid or a support while the paste is subjected to vibration, the support being heated to a temperature of at least 120°C.

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EXTENSION OF THE TERM OF PATENTS

The Central Government has been pleased to allow the withdrawal of the Petition for extension of term of Patent No. 50069 and the Patent No. 57170, a patent of addition thereto, made by St. Anne's Board Mill Company Limited, England and which was notified in the Gazette of India, Part III, Section 2 dated the 25th January, 1969.

Restoration Proceedings

An order has been made on the 29th September 1969, restoring the patent No. 91937 dated as of the 16th January 1964, granted to Ciba Limited for "process for protecting organic material from the harmful effects of heat, air and especially ultraviolet rays".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 136429 to 136450. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", September 15, 1969.

Class 13. Nos. 136451, 136452, and 136454 to 136466. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", September 15, 1969.

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Design Nos. 124568, 118371, Class—1.

Design Nos. 124225, 124332, 121413, 122589, 122590, 122707, 122949, 123299, 124346, Class—3.

Design Nos. 124226 and 124333 Class—4.

COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 98049, 100696, and 101754 Class—1.

Design Nos. 98050, 99391, 100238, 101192, 101541, 102726, 102840 Class—3.

Design No. 98051 Class—6.

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Knoll A.G. Chemische Fabriken.—123395, 123396.	Power-Gas Corpn. Ltd. The.—123592.	Rao, C.I.S.—123391.	
Kornilov B. P.—123754.	Q		Rao C. N.—123778.
Kumiai Chemical Industry Co. Ltd.—123433.	Quenot & Cie S.a.r.l.—123506.	R	
Kumar N.—123765, 123766, 123767, 123768, 123769.	Quigley Co. Inc.—123556.	Rederaktiebolaget Nordstjernan.—123471.	
Kupferhuetten, D.—123536.	R		Rederaktiebolaget Nordstjernan Axel Johnson Institutet for Industriforekning.—123416.
Kurashiki Rayon Co., Ltd.—123751.	R. J. Stone.—123508.	Regie Nationale Des Usines Benault.—123486.	
Kutty Flush Doors & Furniture Co. Pvt. Ltd.—123457.	Rajen, R.—123698.	Rhone-Poulenc S.A.—123398, 123723.	
Kyorin Selyaku Kabushiki Kaisha.—123694.	Ramaiah N.—123549.	Richardsons Manufacturing Chemists Ltd.—123728.	
Kyowa Hakko Kogyo Co. Ltd.—123446.	Ranchi, M.—123713.	Rohm and Hass Co.—123599.	
L		Rosedales & Engel Partnership.—123417.	
L. Givaudan & Cie Societe Anonyme.—123523.	Rangaramanujam, K.—123419.	Rubber Research Institute of Malaya, The.—123497.	
Laboratorio Biologico Zamboni S.r.l.—123825.	Rao, B. V.—123585.	Ruti Machinery Works Ltd.—123408.	
Laporte Industries Ltd.—123610.	Rao, C.I.S.—123391.		
Lindner M.—123804.	Rao C. N.—123778.		
Lonza Ltd.—123731, 123773.	Rederaktiebolaget Nordstjernan.—123471.		
M			
M. G. Industries.—123652.	Rederaktiebolaget Nordstjernan Axel Johnson Institutet for Industriforekning.—123416.		
M & T Chemicals Inc.—123799, 123827.	Redland Pipes Ltd.—123484.		
MacDonald, A. R.—123443.	Regie Nationale Des Usines Benault.—123486.		
Manchanda, M. (Mrs.).—123493.	Rhone-Poulenc S.A.—123398, 123723.		
Machon R.—123738.	Richardsons Manufacturing Chemists Ltd.—123728.		
Massey-Ferguson Services N.V.—123399.	Rohm and Hass Co.—123599.		

<i>Name & Application No.</i>	<i>Name & Application No.</i>
<i>S</i>	
Sakamura Machinery Works Co. Ltd.—123634.	Tembe, M. R.—123586.
Salvi, P. S. (Mrs.)—123650.	Texaco Development Corp.—123732, 123733.
Sancho, J. D. N.—123534.	Texas Instruments Inc.—123542.
Sandoz Ltd. —123412, 123415, 123448, 123582, 123607, 123608, 123725, 123788, 123816, 123817.	Thaker, G. S.—123473, 123474, 123475.
Sankyo Co. Ltd.—123522, 123678, 123679.	Tigers Rubber Co. Ltd.—123503.
Santohs Products.—123628.	Toyo Rayon Co. Ltd.—123430, 123543.
Sayaji Iron & Engineering Co. Pvt. Ltd.—123801.	<i>U</i>
Sawalka, V.—123472, 123715.	UCB (Union Chimique-Chemische Bedrijven), S. A.—123438.
Scottish Agricultural Industries Ltd.—123746.	Unilever Ltd.—123676.
Schloemann Aktiengesellschaft.—123737.	Union Carbide Corp.—123501, 123605.
Shah, S. S.—123626, 123627, 123724, 123791.	Uniroyal, Inc.—123593.
Shell Internationale Research Maatschappij N. V.—123684, 123747.	Universal Oil Products Co.—123780, 123781, 123782.
Siddiqi E. U.—123727.	Upjohn Co. The.—123450.
Singh, K. G.—123494.	<i>V</i>
Singh R. S.—123815.	Varma, M.—123410.
Societa Farmaceutica Italia.—123418.	Vereinigte Aluminium-Werke Aktiengesellschaft.—123631.
Societe Anonyme Heurtey.—123546.	Vetrocoke Cokapuania S.p.A.—123520, 123520, 123572.
Societe Anonyme Seprosy, Societe Europeenne Pour la Transformation De Produits De Synthese.—123459.	Vita Mayer & C. gia Fili Vita S.a.S.—123774.
Spartanics, Ltd.—123708.	Virk S. S.—123814.
Stavropolsko Otdelenie Vsesojumnogo Nauchno-Issle-dovatel'skogo i Proektno-onstruktorskogo Instituta Elektroapparatov.—123636.	Vsesojuzny Kauchno-Issledovatel'sky Institut Kriogen'nogo Mashinostroenia.—123637.
Steel Company of Canada, Ltd. The.—123673.	Vsesojuzny Nauchno-Issledovatel'sky Institut Kriogen'nogo Mashinostroenia.—123674.
Stero N. V.—123807.	Vsesojuzny Nauchno-Issledova-Telsky Institut Sinteticheskogo Volokna.—123514.
Sumitomo Chemical Co. Ltd.—123693, 123820.	Vulcan Australia Ltd.—123529.
Sumner, E. L.—123458.	<i>W</i>
Sun Oil Co.—123505, 123819.	Westinghouse Electric Corp.—123530, 123596.
<i>T</i>	Wright, C. L.—123588.
T.M.M. (Research) Ltd.—123718.	Wright Rain Ltd.—123761.
Takasago Perfumery Co. Ltd.—123763.	<i>X</i>
Takeda Chemical Industries, Ltd.—123614, 123762.	Xavier, K. K.—123696, 123697.
Tanaka Iron Works, Co. Ltd.—123533.	Xavter V. L.—123815.
Tarna, B. M.—123456.	<i>Z</i>
Tecumseh Products Co.—123447.	Zimmer, P.—123489.
	<i>S. VEDARAMAN,</i> <i>Controller of Patents, Designs and Trade Marks.</i>

